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**TRANSMITTAL
FORM**

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Total Number of Pages in This Submission

Application Number	10/606,610
Filing Date	June 26, 2003
First Named Inventor	Frank C. Wirtz II et al.
Art Unit	2819
Examiner Name	James Hyonchol Cho
Attorney Docket Number	X-1125 US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD Remarks	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Return Receipt Postcard
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	XILINX, INC. CUSTOMER NO: 24309		
Signature			
Printed name	Justin Liu		
Date	March 2, 2005	Reg. No.	51,959

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

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DPW



X-1125 US
10/606,610

PATENT
Conf. No.: 4919

IN THE UNITED STATES PATENT OFFICE

Applicants: Frank C. Wirtz II et al.

Assignee: Xilinx, Inc.

Title: "EMBEDDED FUNCTION UNITS WITH DECODING"

Serial No.: 10/606,610

File Date: 06/26/2003

Examiner: James Hyonchol Cho

Art Unit: 2819

Docket No.: X-1125 US

Conf. No.: 4919

Mail Stop AMENDMENT
COMMISSIONER FOR PATENTS
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Alexandria, Virginia 22313-1450

RESPONSE TO THE FIRST OFFICE ACTION

Dear Sir:

In response to the first Office Action mailed from the Patent Office on December 13, 2004, reconsideration and allowance of the claims are requested in view of the Amendments and Remarks below.

Amendments to claims begin on page 2 of this paper.

Remarks begin on page 10 of this paper.